Gonzalo Robledo

List of Publications by Year
in descending order

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32	301	933410 10	940516 16
papers	citations	h-index	g-index

32	32	32	147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feedback control for nonmonotone competition models in the chemostat. Nonlinear Analysis: Real World Applications, 2005, 6, 671-690.	1.7	39
2	Robust control for an uncertain chemostat model. International Journal of Robust and Nonlinear Control, 2006, 16, 133-155.	3.7	32
3	Existence and stability of almost periodic solutions in impulsive neural network models. Applied Mathematics and Computation, 2010, 217, 4167-4177.	2.2	30
4	Differentiability of Palmer's linearization theorem and converse result for density functions. Journal of Differential Equations, 2015, 259, 4634-4650.	2.2	25
5	Global stability for a model of competition in the chemostat with microbial inputs. Nonlinear Analysis: Real World Applications, 2012, 13, 582-598.	1.7	19
6	Modeling pulse infectious events irrupting into a controlled context: A SIS disease with almost periodic parameters. Applied Mathematical Modelling, 2012, 36, 1323-1337.	4.2	14
7	A pulse fishery model with closures as function of the catch: Conditions for sustainability. Mathematical Biosciences, 2012, 239, 169-177.	1.9	13
8	Dynamics of a chemostat with periodic nutrient supply and delay in the growth. Nonlinearity, 2020, 33, 5839-5860.	1.4	12
9	Wright type delay differential equations with negative Schwarzian. Discrete and Continuous Dynamical Systems, 2002, 9, 309-321.	0.9	12
10	Controllability and Observability for a Linear Time Varying System with Piecewise Constant Delay. Acta Applicandae Mathematicae, 2015, 136, 193-216.	1.0	10
11	Feedback stabilization for a chemostat with delayed output. Mathematical Biosciences and Engineering, 2009, 6, 629-647.	1.9	10
12	A PULSE VACCINATION STRATEGY AT VARIABLE TIMES DEPENDING ON INCIDENCE. Journal of Biological Systems, 2011, 19, 329-344.	1.4	9
13	Stability analysis of mathematical model of competition in a chain of chemostats in series with delay. Applied Mathematical Modelling, 2019, 76, 311-329.	4.2	9
14	Cauchy matrix for linear almost periodic systems and some consequences. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 5426-5439.	1.1	7
15	Stability analysis of a selfâ€cycling fermentation model with stateâ€dependent impulse times. Mathematical Methods in the Applied Sciences, 2014, 37, 1460-1475.	2.3	7
16	POPULATION GROWTH MODELING WITH BOOM AND BUST PATTERNS: THE IMPULSIVE DIFFERENTIAL EQUATION FORMALISM. Journal of Biological Systems, 2015, 23, S135-S149.	1.4	6
17	Feedback control for competition models with mortality in the chemostat. , 2006, , .		5
18	A Grobmanâ€“Hartman Theorem for Differential Equations with Piecewise Constant Arguments of Mixed Type. Zeitschrift Fur Analysis Und Ihre Anwendung, 2018, 37, 101-126.	0.6	5

#	Article	IF	Citations
19	Smoothness of topological equivalence on the half line for nonautonomous systems. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 2484-2502.	1.2	5
20	Dichotomy spectrum and almost topological conjugacy on nonautonomus unbounded difference systems. Discrete and Continuous Dynamical Systems, 2018, 38, 2287-2304.	0.9	5
21	ASYMPTOTIC EQUIVALENCE OF ALMOST PERIODIC SOLUTIONS FOR A CLASS OF PERTURBED ALMOST PERIODIC SYSTEMS. Glasgow Mathematical Journal, 2010, 52, 583-592.	0.3	4
22	Diagonalizability of nonautonomous linear systems with bounded continuous coefficients. Journal of Mathematical Analysis and Applications, 2013, 407, 513-526.	1.0	4
23	A topological equivalence result for a family of nonlinear difference systems having generalized exponential dichotomy. Journal of Difference Equations and Applications, 2016, 22, 1271-1291.	1.1	4
24	Linear attraction in quasi-linear difference systems. Journal of Difference Equations and Applications, 2011, 17, 765-778.	1.1	3
25	Which curve provides the best explanation of the growth in confirmed COVID-19 cases in Chile?. Revista Latino-Americana De Enfermagem, 2020, 28, e3346.	1.0	3
26	Multiple solutions for periodic perturbations of a delayed autonomous system near an equilibrium. Communications on Pure and Applied Analysis, 2019, 18, 1695-1709.	0.8	3
27	PULSE HOSPITALIZATION TO CONTROL SIS DISEASES ON FARMS: ECONOMICS EFFECTS. Journal of Biological Systems, 2016, 24, 311-331.	1.4	2
28	Almost reducibility of linear difference systems from a spectral point of view. Communications on Pure and Applied Analysis, 2017, 16, 1977-1988.	0.8	2
29	Stability and robustness analysis for a multispecies chemostat model with delays in the growth rates and uncertainties. Discrete and Continuous Dynamical Systems - Series B, 2018, 23, 1851-1872.	0.9	2
30	Stability and robustness analysis for a multi-species chemostat model with uncertainties. , 2017, , .		0
31	SIS EPIDEMIC MODEL WITH PULSE VACCINATION STRATEGY AT VARIABLE TIMES. , 2010, , .		0
32	STABILITY OF DISEASE FREE STATE IN SIS MODELS. ALMOST PERIODIC RATES AND PULSE VACCINATION. , 2012, , 253-263.		0